

Title (en)

NOVEL PHOSPHOLIPASE, PRODUCTION AND USE THEREOF

Title (de)

Phospholipase, deren Herstellung und Anwendungen

Title (fr)

NOUVELLE PHOSPHOLIPASE, SA PRODUCTION ET SON UTILISATION

Publication

EP 0948608 A1 19991013 (EN)

Application

EP 97910269 A 19971030

Priority

- DK 9700490 W 19971030
- DK 121596 A 19961031

Abstract (en)

[origin: WO9818912A1] An acidic phospholipase is obtained from a strain of the genus *Hyphozyma*. It is able to hydrolyze both fatty acyl groups in intact phospholipid. Advantageously, it has no lipase activity and is active at very low pH; these properties make it very suitable for use in oil degumming, as enzymatic and alkaline hydrolysis (saponification) of the oil can both be suppressed. The phospholipase is not membrane bound, making it suitable for commercial production and purification.

IPC 1-7

C12N 9/18; **C11B 3/00**

IPC 8 full level

C12N 15/09 (2006.01); **A23J 7/00** (2006.01); **C11B 3/00** (2006.01); **C12N 1/14** (2006.01); **C12N 9/18** (2006.01); **C12R 1/645** (2006.01)

CPC (source: EP)

A23J 7/00 (2013.01); **C11B 3/003** (2013.01); **C12N 9/18** (2013.01)

Citation (search report)

See references of WO 9818912A1

Designated contracting state (EPC)

BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

WO 9818912 A1 19980507; AU 4772597 A 19980522; CN 1235636 A 19991117; EP 0948608 A1 19991013; JP 2001504327 A 20010403

DOCDB simple family (application)

DK 9700490 W 19971030; AU 4772597 A 19971030; CN 97199324 A 19971030; EP 97910269 A 19971030; JP 51994898 A 19971030